

REPLACEMENT SHEET

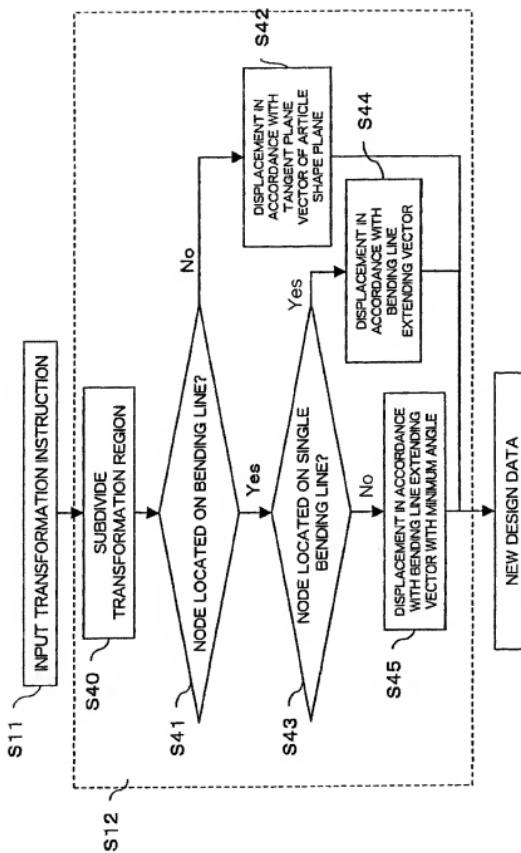


Fig. 9

Additional Fig. 10-1



Fig. 10A

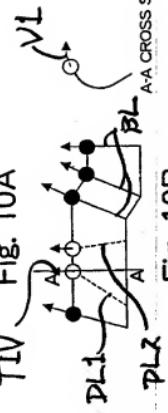


Fig. 10B

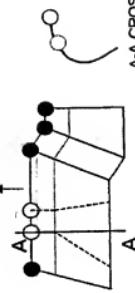
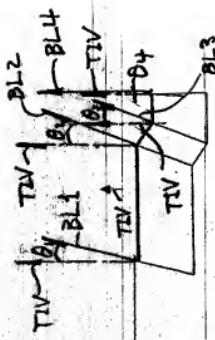


Fig. 10C

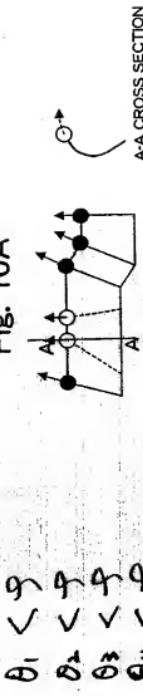
A-A CROSS SECTION

Additional Fig. 10-2



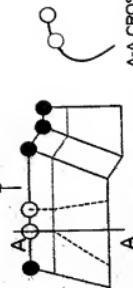
θ : predetermined
allowable angle

Fig. 10A



In this case,
All of the black nodes
are displaced in the
extending direction

Fig. 10B

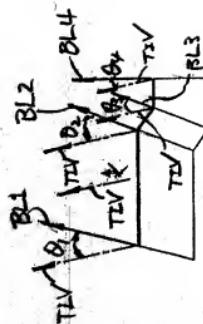


of the bonding line BL.

A-A CROSS SECTION

Fig. 10C

A-A CROSS SECTION



Additional Fig 10-3

$$\begin{aligned}B_1 &> \varphi \\B_2 &> \varphi \\B_3 &> \varphi \\B_4 &< \varphi\end{aligned}$$

Fig. 10A



In this case
these 3 black nodes are
displaced in accordance
with the transformation
vector TIV.

Fig. 10B



Fig. 10C

